

**=> IFW:      Scan as Doc Code: SRNT    <=  
                 Doc Date: 3/15/06**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

**Serial Number: 10/665902**

**1.) See attached printout of inventors listed in  
PALM**

**2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**

Day : Wednesday

Date: 3/15/2006

Time: 10:29:05

 **PALM INTRANET**

## Inventor Information for 10/665902

Inventor Name	City	State/Country
HAYAMIZU, SATORU	GIFU-SHI	JAPAN
KAWASAKI, HARUHISA	GIFU-SHI	JAPAN
NISHIMOTO, YUTAKA	GIFU-SHI	JAPAN
ITO, SATOSHI	GIFU-SHI	JAPAN

[Appln Info](#) [Contents](#) [Petition Info](#) [Atty/Agent Info](#) [Continuity Data](#) [Foreign Data](#)

Search Another: Application#  [Search](#) or Patent#  [Search](#)  
PCT /  /  [Search](#) or PG PUBS #  [Search](#)  
Attorney Docket #  [Search](#)  
Bar Code #  [Search](#)

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20060004669 A1	20060105	Apparatus for and method of establishing digital content right, and computer program product	705/59		Ito, Satoshi
US 20050251529 A1	20051110	Method and apparatus for accepting and processing an application for conformity of a user dictionary to a standard dictionary	707/102		Ito, Satoshi
US 20050244824 A1	20051103	Method of assaying target nucleic acid and kit therefor	435/6		Hotta, Yoshiyuki et al.
US 20050208981 A1	20050922	Method of recovery from abnormal state of handsfree phone speech, its recovery system, handsfree phone device, and its control program	455/569.1	455/41.1; 455/445; 455/569.2	Kawasaki, Haruo
US 20050195149 A1	20050908	Common voltage generation circuit, power supply circuit, display driver, and common voltage generation method	345/98		Ito, Satoru
US 20050118544 A1	20050602	Method for preparation of organic silver salt and photothermographic imaging material	430/619		Ito, Satoshi
US 20050104542 A1	20050519	LED-switching controller and LED-switching control method	315/291	315/209R; 315/224; 362/800	Ito, Satoru et al.
US 20050093811 A1	20050505	Display driver, electro-optical device and drive method	345/100		Ito, Satoru
US 20050093810 A1	20050505	Display driver, electro-optical device, and drive method	345/100		Ito, Satoru
US 20050068278	20050331	Display driver, electro-optical	345/87	345/204	Ito, Satoru

A1		device and drive method			
US 20050064717 A1	20050324	Plasma processing apparatus	438/709	438/710	Kanai, Saburo et al.
US 20050064557 A1	20050324	Method for producing proteins	435/69.7	435/193; 435/348; 435/456; 536/23.2	Inaba, Niro et al.
US 20050048455 A1	20050303	Auscultation training device	434/262		Hayamizu, Satoru et al.
US 20050039683 A1	20050224	Plasma processing method	118/724		Kanai, Saburo et al.
US 20050020409 A1	20050127	Physical rehabilitation training and education device	482/51	434/262	Hayamizu, Satoru et al.
US 20040178389 A1	20040916	Phosphor	252/301.4R	252/301.4F	Furusawa, Naoko et al.
US 20040155691 A1	20040812	Step-up circuits	327/291		Ito, Satoru
US 20040143515 A1	20040722	System for authentication in electronic commerce and method of carrying out the same	705/26		Kawasaki, Haruo
US 20040090295 A1	20040513	Magnetic damper and actuator having the same	335/229		Yajima, Hisashi et al.
US 20040080252 A1	20040429	Spark plug for use in internal combustion engine	313/141		Ito, Satoko et al.
US 20040075386 A1	20040422	Zinc silicate system phosphor, method for producing the same, zinc silicate system phosphor paste, and display device	313/582		Hoshino, Hideki et al.
US 20040046638 A1	20040311	Terminal lock system comprising key device carried by user and terminal-associated device incorporated in terminal	340/5.61	340/5.74	Kawasaki, Haruo

		device				
US 20040027042 A1	20040212	Spark plug	313/141	313/140		Matsutani, Wataru et al.
US 20040019421 A1	20040129	Driving force distribution method and apparatus	701/69			Wakao, Hisaaki et al.
US 20040017154 A1	20040129	Phosphor, method for producing phosphor and its precursor, and display device	313/582	313/485		Ito, Satoshi et al.
US 20030232005 A1	20031218	Manufacturing method of phosphor precursor	423/659	423/277		Okada, Hisatake et al.
US 20030226702 A1	20031211	Torque distribution control device for four-wheel drive vehicle	180/247	180/197		Imai, Fukami et al.
US 20030178603 A1	20030925	Production method of phosphor and phosphor	252/301.4R	252/301.4F; 252/301.4P; 252/301.4S; 252/301.5; 252/301.6F; 252/301.6P; 252/301.6R; 252/301.6S		Okada, Hisatake et al.
US 20030146898 A1	20030807	Touch sense interface and method for controlling touch sense interface	345/156			Kawasaki, Haruhisa et al.
US 20030146782 A1	20030807	Step-up circuits	327/536			Ito, Satoru
US 20030145622 A1	20030807	ACCUMULATOR	62/503			Kawasaki, Haruo et al.
US 20030104580 A1	20030605	Method for producing proteins	435/69.7	435/193; 435/235.1; 435/320.1; 435/348;		Inaba, Niro et al.

				435/456	
US 20030038576 A1	20030227	Spark plug	313/141		Matsutani, Wataru et al.
US 20020175285 A1	20021128	INFRARED SENSOR	250/338.3		ITO, SATORU et al.
US 20020157009 A1	20021024	Method for obtaining a solution of an optimization problem	713/189		Yamamoto, Yusaku et al.
US 20020112644 A1	20020822	Pigment dispersion liquid, manufacturing process thereof, pigment ink for ink jetting, and ink jet image recording method employing the same	106/401	106/31.65; 106/499	Nakamura, Masaki et al.
US 20020014638 A1	20020207	Semiconductor integrated circuit	257/203	257/202; 257/204; 257/208; 257/211	Ito, Satoshi et al.
US 20020013741 A1	20020131	Method and apparatus for accepting and processing an application for conformity of a user dictionary to a standard dictionary	705/26		Ito, Satoshi
US 20020010565 A1	20020124	Method to support the setup of input parameters	703/2		Ho, Shirun et al.
US 20010052651 A1	20011220	Driver circuits and methods for manufacturing driver circuits	257/758	257/E21.577; 257/E23.012; 257/E27.06	Ito, Satoshi et al.
US 20010020293 A1	20010906	Programming method for concurrent programs and program supporting apparatus thereof	717/128		Uchihira, Naoshi et al.
US 7008557 B2	20060307	Production method of phosphor and phosphor	252/301.4R	252/301.4F; 252/301.4H;	Okada; Hisatake et al.

				252/301.4P; 252/301.4S; 252/301.5; 252/301.6F; 252/301.6P; 252/301.6R; 252/301.6S	
US 6983254 B2	20060103	Method and apparatus for accepting and processing an application for conformity of a user dictionary to a standard dictionary	705/26	705/27; 705/28; 709/206; 709/218; 709/219	Ito; Satoshi
US 6949138 B2	20050927	Pigment dispersion liquid, manufacturing process thereof, pigment ink for ink jetting, and ink jet image recording method employing the same	106/401	106/31.75; 106/499	Nakamura; Masaki et al.
US 6928402 B2	20050809	Method to support the setup of input parameters	703/22	700/31	Ho; Shirun et al.
US 6894554 B2	20050517	Step-up circuits	327/536		Ito; Satoru
US 6864622 B2	20050308	Spark plug	313/141		Matsutani; Wataru et al.
US 6861705 B2	20050301	Driver circuits and methods for manufacturing driver circuits	257/341	257/758; 257/920; 257/E21.577; 257/E23.012; 257/E27.06	Ito; Satoshi et al.
US 6842682 B2	20050111	Driving force distribution method and apparatus	701/69		Wakao; Hisaki et al.
US 6842681 B2	20050111	Torque distribution control device for four-wheel drive	701/69	180/197; 701/81; 701/87	Imai; Fukami et al.

		vehicle			
US 6836177 B2	20041228	Step-up circuits	327/536		Ito; Satoru
US 6832646 B1	20041221	Cooler for electronic device	165/80.2	165/80.3; 257/E23.098; 257/E23.099; 361/690; 361/694; 361/698	Uomori; Yasuharu et al.
US 6819209 B2	20041116	Magnetic damper and actuator having the same	335/257	335/271; 335/277	Yajima; Hisashi et al.
US 6703650 B2	20040309	Semiconductor integrated circuit including a circuit protecting against static electricity	257/203		Ito; Satoshi et al.
US 6664719 B2	20031216	Spark plug	313/141	313/142	Matsutani; Wataru et al.
US 6615609 B2	20030909	Accumulator	62/503	62/512	Kawasaki; Haruo et al.
US 6598222 B2	20030722	Programming method for concurrent programs and program supporting apparatus thereof	717/154	717/149; 717/152	Uchihira; Naoshi et al.
US 6580077 B2	20030617	Infrared sensor	250/338.3	250/353	Ito; Satoru et al.
US 6538629 B1	20030325	Liquid crystal driver unit, liquid crystal driving method, and liquid crystal display device	345/89	345/94; 345/99	Ito; Satoru
US 6428070 B1	20020806	Chuck with position detecting function	294/88	294/119.1; 294/907; 901/37; 901/46	Takanashi; Seiji et al.
US 6384434 B1	20020507	Semiconductor device having multiple types of output cells	257/203	257/204; 257/206; 257/E27.108	Ito; Satoshi
US 6353239 B1	20020305	Semiconductor integrated circuit device	257/203	257/202; 257/409; 257/E21.625;	Ito; Satoshi



				257/E27.06; 326/80; 327/108; 327/333	
US 6333206 B1	20011225	Process for the production of semiconductor device	438/106	257/686; 257/687; 257/789; 257/E21.503; 257/E23.119; 438/108; 438/110; 438/117	Ito; Satoshi et al.
US 6291198 B1	20010918	Antibody that recognizes pyrazine derivative and method for measuring 1,2-dicarbonyl derivative using said antibody	435/7.94	435/7.5; 530/388.9; 530/389.8; 530/391.1; 530/391.3; 530/404; 530/405; 530/807	Uchida; Yoshiaki et al.
US 6275980 B1	20010814	Programming method for concurrent programs and program supporting apparatus thereof	717/124	717/149	Uchihira; Naoshi et al.
US 6252572 B1	20010626	Display device, display device drive method, and electronic instrument	345/98	345/100; 345/103; 345/99	Kurumisawa; Takashi et al.
US 6239860 B1	20010529	Adjustment of vertical regist shift between pages, colors or lines in a multiple beam recording system	355/41	250/236; 250/578.1; 355/35	Ito; Satoru
US 6200830 B1	20010313	Fabrication process of a semiconductor device	438/106	257/E21.503	Ito; Satoshi et al.
US 6183947 B1	20010206	Preparation method of organic silver salt dispersion and thermally processable photosensitive material	430/619	430/617; 430/620	Ito; Satoshi

US 6171738 B1	20010109	Method of preparing silver halide emulsion	430/30	430/569	Takada; Hiroshi et al.
US 6163799 A	20001219	Communication navigation system which easily finds person who is interested in the same topic	709/204	348/14.08; 370/260; 709/217	Kambayashi; Toru et al.
US 6154087 A	20001128	Sensor output compensation circuit	327/512	327/362	Ito; Satoru
US 6121615 A	20000919	Infrared radiation sensitive device	250/338.3		Ito; Satoru
US 6049080 A	20000411	Pyroelectric infrared sensor device	250/338.3		Ito; Satoru
US 6041141 A	20000321	Character recognition machine utilizing language processing	382/231	382/229; 704/9	Yamamoto; Hiroshi et al.
US 6036772 A	20000314	Method for making semiconductor device	117/95	117/106; 117/107; 117/955; 117/956; 257/E21.462; 438/35; 438/37; 438/506; 438/522; 438/796; 438/925; 438/944	Hino; Tomonori et al.
US 5987170 A	19991116	Character recognition machine utilizing language processing	382/170	382/229; 704/10; 704/4	Yamamoto; Hiroshi et al.
US 5986639 A	19991116	Apparatus and method for extending a reactive area on a display screen	715/856	345/157; 715/860	Ozawa; Kazutaka et al.
US 5976916 A	19991102	Method of producing semiconductor device and encapsulating pellet employed therein	438/126	257/E21.501; 257/E23.004; 257/E23.14; 438/124; 438/127	Kuwamura; Makoto et al.

US 5895586 A	19990420	Plasma processing apparatus and plasma processing method in which a part of the processing chamber is formed using a pre-fluorinated material of aluminum	219/121.43	118/723R; 156/345.1; 156/914; 219/121.4; 219/121.42	Kaji; Tetsunori et al.
US 5891961 A	19990406	Coating composition and coating method	525/169	525/326.8; 526/259	Kawamura; Chikara et al.
US 5874609 A	19990223	Process for crystallizing L-.alpha.-aspartyl-L-phenylalanine methyl ester	560/41		Naruse; Masayoshi et al.
US 5874012 A	19990223	Plasma processing apparatus and plasma processing method	216/67	118/723MA; 118/723MR; 156/345.37; 216/70	Kanai; Saburo et al.
US 5872023 A	19990216	Method of fabricating of light emitting device with controlled lattice mismatch	438/46	257/E33.021; 438/22	Shiraishi; Masashi et al.
US 5865897 A	19990202	Method of producing film of nitrogen-doped II-VI group compound semiconductor	118/723MR	118/723ER; 257/E21.462; 257/E21.463; 257/E33.022	Ito; Satoshi et al.
US 5860009 A	19990112	Programming method for concurrent programs and program supporting apparatus thereof	717/149	717/146	Uchihira; Naoshi et al.
US 5859282 A	19990112	Method of dissolving crystals of L-.alpha.-aspartyl-L-phenyl alanine methyl ester	560/41		Naruse; Masayoshi et al.
US 5832229 A	19981103	Multicast communication system allows user to join or leave multicast groups and specify	709/227	709/206; 709/220	Tomoda; Ichiro et al.

		communication quality using easily comprehensible and operable user terminal display			
US 5828086 A	19981027	Semiconductor light emitting device with a Mg superlattice structure	257/94	257/103; 257/96; 257/97; 257/E33.008; 257/E33.021; 372/45.012	Ishibashi; Akira et al.
US 5787414 A	19980728	Data retrieval system using secondary information of primary data to be retrieved as retrieval key	707/2	707/3; 707/5	Miike; Seiji et al.
US 5786594 A	19980728	Multi-beam pitch adjustment system and method	250/236	358/474	Ito; Tatsuya et al.
US 5766345 A	19980616	Epitaxial growth method of semiconductor	117/105	117/108; 117/92; 117/956; 117/958; 257/E21.462; 257/E21.463; 257/E33.021	Tomiya; Shigetaka et al.
US 5745092 A	19980428	Liquid-Crystal display system and power supply method that supply different logic source voltages to signal and scan drivers	345/95	345/211	Ito; Satoru
US 5744632 A	19980428	Process for crystallizing L- $\alpha$ -aspartyl-L-phenylalanine methyl ester	560/41		Naruse; Masayoshi et al.
US 5742493 A	19980421	Power conversion apparatus	363/37	363/89	Ito; Satoru et al.
US 5719234 A	19980217	High solid coating composition and method for forming topcoat	525/101	427/407.1; 428/384; 428/389; 428/447;	Yabuta; Motoshi et al.

		using same		525/103; 525/208; 525/209	
US 5684095 A	19971104	Hydroxyl-containing polyester, polyepoxide and silicon compound	525/438	525/476	Morimoto; Kotaro et al.
US D383773 S	19970916	Electronic calculator	D18/7		Tamaki; Hidetoshi et al.
US 5665977 A	19970909	Semiconductor light emitting device with defect decomposing and blocking layers	257/17	257/103; 257/200; 257/22; 257/96; 257/97; 257/E33.008; 257/E33.021; 372/45.012	Ishibashi; Akira et al.
US 5640409 A	19970617	Semiconductor laser	372/45.01	257/E33.021; 372/46.01	Ito; Satoshi et al.
US 5633514 A	19970527	Semiconductor light emitting device with lattice-matching and lattice-mismatching	257/94	257/103; 257/200; 257/96; 257/97; 257/E33.021; 372/45.012	Shiraishi; Masashi et al.
US 5621137 A	19970415	Method of dissolving crystals of L.-alpha.-aspartyl-L-phenylalanine methyl ester	560/41		Naruse; Masayoshi et al.
US 5597740 A	19970128	Semiconductor display device and a method of fabricating the same	438/35	257/E33.021; 438/37; 438/925; 438/944	Ito; Satoshi et al.
US 5583381 A	19961210	Resin molded type-semiconductor device having a conductor film	257/775	257/207; 257/642; 257/691; 257/739; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.

US 5567960 A	19961022	II/VI-compound semiconductor light emitting device	257/103	257/101; 257/102; 257/E33.021; 372/45.01; 372/46.01	Ishibashi; Akira et al.
US 5565709 A	19961015	Semiconductor device	257/787	257/788; 257/793; 257/E23.092; 257/E23.124	Fukushima; Takashi et al.
US 5562454 A	19961008	Educational mechatronics apparatus	434/219	434/118; 434/224	Kanzaki; Kazuo et al.
US 5552639 A	19960903	Resin molded type semiconductor device having a conductor film	257/775	257/207; 257/637; 257/642; 257/691; 257/739; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 5539257 A	19960723	Resin molded type semiconductor device having a conductor film	257/775	257/207; 257/637; 257/640; 257/642; 257/691; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 5471067 A	19951128	Semiconductor metal contacting structure and a light emitting device	257/14	257/15; 257/94; 257/E33.008; 257/E33.063	Ikeda; Masao et al.
US 5468998 A	19951121	Resin molded type semiconductor device having a conductor film	257/775	257/207; 257/642; 257/691; 257/739; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 5464474 A	19951107	Apparatus for cleaning strips before press forming, having de-oiling rolls and tacky rolls to	118/676	118/104; 118/681; 118/686; 118/695; 118/72; 15/102;	Nishimoto; Yutaka et al.

		remove oil and foreign matters		15/104.02	
US 5459337 A	19951017	Semiconductor display device with red, green and blue emission	257/89	257/90; 257/96; 257/97; 257/E33.021; 372/50.1	Ito; Satoshi et al.
US 5455687 A	19951003	Method for transferring data between electronic filing systems using facsimile communications protocol	358/438	358/403; 358/434; 358/435; 358/436	Fukui; Katsuhiko et al.
US 5410487 A	19950425	Dynamic error correcting apparatus for inertial navigation	701/220	701/221; 73/178R	Okayama; Hiroshi et al.
US 5395915 A	19950307	Method for simultaneous preparation of bisphenol F and novolak phenol resins	528/137	528/129; 528/144; 568/724; 568/727	Jimuro; Shigeru et al.
US 5373175 A	19941213	Ohmic electrode and a light emitting device	257/99	257/734; 257/743; 257/744; 257/E21.478; 257/E31.124; 257/E33.063	Ozawa; Masafumi et al.
US 5371411 A	19941206	Resin molded type semiconductor device having a conductor film	257/775	257/207; 257/637; 257/642; 257/691; 257/739; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 5366768 A	19941122	Method of forming coating films	427/407.1	427/410	Kasari; Akira et al.
US 5348998 A	19940920	Coating composition comprising particles of an emulsion polymerized gelled polymer	524/190	524/315; 524/317; 524/356; 524/379; 524/547; 524/555; 524/556; 524/558; 524/560	Ito; Satoru et al.



US 5344518 A	19940906	Pyroelectric IR-sensor	156/242	156/290; 156/292; 250/338.1; 250/338.3; 257/79; 257/80; 257/81; 257/82; 257/99	Ito; Satoru et al.
US 5330796 A	19940719	Method of forming coating films	427/407.1	427/409; 427/410	Kasari; Akira et al.
US 5323025 A	19940621	Pyroelectric IR-sensor having a low thermal conductive ceramic substrate	257/81	250/338.1; 250/338.3; 257/444; 257/79; 257/80; 257/99	Ito; Satoru et al.
US 5294835 A	19940315	Epoxy resin composition for semiconductor encapsulation and semiconductor device using the same	257/793	257/788; 257/E23.12; 528/406	Igarashi; Kazumasa et al.
US 5275702 A	19940104	Distillation method of separating organic solvents	203/85	203/96; 560/41; 562/608; 562/609; 585/807; 585/868	Kataoka; Takehiko et al.
US 5270555 A	19931214	Pyroelectric IR-sensor with a molded inter connection device substrate having a low thermal conductivity coefficient	257/81	250/338.1; 250/338.3; 257/79; 257/80; 257/82; 257/99	Ito; Satoru et al.
US 5254454 A	19931019	Method of preparing silver halide grains for photographic emulsion and light sensitive material containing the same	430/569	430/30; 430/567; 430/568	Mimiya; Chikao et al.
US 5235681 A	19930810	Image filing system for protecting partial regions of image data of a document	345/556	715/526	Masuzaki; Hidefumi et al.
US 5231482 A	19930727	Image filing apparatus and method for thereby encoding and	358/500	358/520	Murakami; Tatsuya et al.



		storing various documents			
US 5229642 A	19930720	Resin molded type semiconductor device having a conductor film	257/691	257/207; 257/637; 257/640; 257/642; 257/775; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 5189404 A	19930223	Display apparatus with rotatable display screen	345/659	345/634; 345/658; 382/297	Masimo; Tamon et al.
US 5179649 A	19930112	Method for generating title information entry format and method for filing images in image filing device	715/507	358/1.18; 382/177; 707/2	Masuzaki; Hidefumi et al.
US 5161777 A	19921110	Control device for a valve	251/129.04	137/486; 137/487.5	Kawasaki; Haruhiko et al.
US 5150458 A	19920922	Electronic image information filing apparatus displaying editing corrections	345/636	358/450; 358/452; 715/511; 715/522	Masuzaki; Hidefumi et al.
US 5128748 A	19920707	Image processing system and apparatus for processing color documents	358/500	358/518	Murakami; Tatsuya et al.
US 5125802 A	19920630	Injection timing control apparatus for distributor type fuel injection pumps	417/221	123/501; 123/502	Nakamura; Hisashi et al.
US 5110544 A	19920505	Stainless steel exhibiting excellent anticorrosion property for use in engine exhaust systems	420/69	420/40; 420/68	Sato; Eiji et al.
US 5097060 A	19920317	Process for crystallizing L-alpha-aspartyl-L-phenyl-alanine methyl ester	560/41		Naruse; Masayoshi et al.

US 5041607 A	19910820	Process for crystallizing L-alpha-aspartyl-L-phenyl-alanine methyl	560/41		Naruse; Masayoshi et al.
US 5030944 A	19910709	Display apparatus with rotatable display screen	345/659	382/297	Masimo; Tamon et al.
US 5029112 A	19910702	Image information display system for displaying a plurality of image information pieces with a directed display state	345/418	345/539; 715/764	Sakamoto; Tatsuya et al.
US 5023699 A	19910611	Resin molded type semiconductor device having a conductor film	257/692	257/669; 257/691; 257/700; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 4999259 A	19910312	Chrome-coated stainless steel having good atmospheric corrosion resistance	428/685	428/667	Hashimoto; Misao et al.
US 4973843 A	19901127	Pyroelectric infrared sensor	250/338.3	250/338.1; 250/338.4	Murata; Michihiko et al.
US 4972027 A	19901120	Composition curable at low temperature	525/365	525/286; 525/288; 525/364; 525/72; 525/74	Isozaki; Osamu et al.
US 4962360 A	19901009	Sensor for electrochemical measurement and method for diagnosing corrosion protective properties of metal surface coating by using the sensor	324/700	204/421; 324/446; 324/559; 324/718	Homma; Koji et al.
US 4951122 A	19900821	Resin-encapsulated semiconductor device	257/792	257/695; 257/796; 257/E23.038; 257/E23.039; 257/E23.043;	Tsubosaki; Kunihiro et al.

				257/E23.049; 257/E23.066; 257/E23.126	
US 4923945 A	19900508	Resin composition curable at low temperature	528/16	524/199; 524/284; 524/285; 524/361; 524/366; 524/367; 524/376; 525/476; 525/477; 526/279; 528/17; 528/32	Isozaki; Osamu et al.
US 4906918 A	19900306	Temperature detector having a pyroelectric device and impedance conversion	324/715	250/338.3; 374/183	Ito; Nobuhiro et al.
US 4903119 A	19900220	Semi-conductor device	257/788	174/52.2; 257/E23.119; 257/E23.12; 257/E23.127	Ito; Satoshi et al.
US 4883955 A	19891128	Optical encoder with converging means	250/231.16	250/237G	Kawasaki; Harumi et al.
US 4861453 A	19890829	Corrosion detecting probe for steel buried in concrete	204/404	204/412; 204/435	Matsuoka; Kazumi et al.
US 4842945 A	19890627	Stainless steel coated with thin film of carbon containing specified amount in a state of diamond and having an adjustable black transparent color tone	428/457	204/192.11; 204/192.15; 427/122; 427/577; 428/408; 428/634	Ito; Wataru et al.
US 4831368 A	19890516	Display apparatus with rotatable display screen	345/27	345/536; 345/545; 345/659; 382/297	Masimo; Tamon et al.
US 4820861 A	19890411	Process for the production of N-formyl-alpha-L-aspartyl-L-	560/41		Yukawa; Toshihide et al.

		phenylalanine methyl ester			
US 4806849 A	19890221	Method and apparatus for diagnosing degradation of coating film on metal material	324/700	204/404; 324/559; 324/71.2; 324/718; 427/10	Kihira; Hiroshi et al.
US 4800165 A	19890124	Method of detecting corrosion rate of member of steel material	205/777	201/1; 324/700; 422/53; 436/6	Oka; Tomoki et al.
US 4763601 A	19880816	Continuous composite coating apparatus for coating strip	118/718	118/50.1; 118/719; 118/723R; 204/298.24; 204/298.25	Saida; Seishiro et al.
US 4722058 A	19880126	Control system for a vending machine using article freshness data	700/243	221/10; 221/12; 221/9; 235/381	Nakayama; Nobuo et al.
US 4711205 A	19871208	Injection start advancer for fuel injection pump assembly of the fuel distribution type	123/179.17	123/449; 123/502	Ito; Satoru
US 4670568 A	19870602	Process of producing n-formylaspartic anhydride	549/253	204/157.62	Nakamura; Masao et al.
US 4653026 A	19870324	Nonvolatile memory device or a single crystal silicon film	365/185.05	257/E27.06; 365/185.25; 365/230.06	Komori; Kazuhiro et al.
US 4645662 A	19870224	Oral composition	424/52	424/48; 424/49; 424/50; 424/54; 424/55; 424/57; 424/58; 424/602; 424/603; 424/605; 424/606; 424/674; 424/676; 424/682; 424/684; 424/685; 424/686; 424/687;	Nakashima; Syozi et al.

				424/690; 424/695; 424/722	
US 4625227 A	19861125	Resin molded type semiconductor device having a conductor film	257/775	257/669; 257/787; 257/E23.118; 257/E23.132	Hara; Yuji et al.
US 4612095 A	19860916	Method for improving corrosion resistance of bright annealed stainless steel	205/710		Omata; Hiroyasu et al.
US 4598163 A	19860701	Pyroelectric detector	136/213	250/338.3; 250/349; 356/43; 374/121	Ito; Satoru
US 4589394 A	19860520	Injection timing control device in a distributor-type fuel injection pump	123/502		Ito; Satoru
US 4509470 A	19850409	Fuel injection pump	123/179.16	123/449; 123/502	Ito; Satoru et al.
US 4482493 A	19841113	Method for preparing benzoquinones	552/310	552/293; 552/309	Matsumoto; Masakatsu et al.
US 4476890 A	19841016	Pressure control valve	137/269	137/491; 137/492.5; 137/493.9	Kawasaki; Haruhiko et al.
US 4435821 A	19840306	Receiver in a frequency hopping communication system	375/137	375/367; 455/266	Ito; Satoaki et al.
US 4365264 A	19821221	Semiconductor device with high density low temperature deposited Si.sub.w N.sub.x H.sub.y O.sub.z passivating layer	257/759	257/637; 257/639; 257/641; 257/643; 257/760; 257/E21.259; 257/E21.271; 257/E21.293; 257/E23.118	Mukai; Kiichiro et al.
US 4364535 A	19821221	Counterbalance mechanism for laser knife device	248/123.2	248/125.7; 248/280.11; 901/15; 901/48	Itoh; Kiyoshi et al.

US 4358510 A	19821109	Metallic painting	428/463	427/379; 427/388.2; 427/409; 428/461; 428/462; 428/464; 428/481; 428/483; 428/502; 428/526; 524/441; 524/504; 524/512; 525/54.3; 527/313; 527/314	Ito; Satoru et al.
US 4351356 A	19820928	Pressure control valve	137/491	137/493.1	Koiwai; Hideshi et al.
US 4324708 A	19820413	Metallic painting	524/599	427/388.5; 427/409; 428/31; 428/463; 428/464; 524/441; 527/314	Ito; Satoru et al.
US 4289160 A	19810915	Pressure control valve	137/491	137/493	Kawasaki; Haruhiko et al.
US 4276515 A	19810630	Differential amplifier circuit arrangement with stabilized input impedance	330/253	330/257; 330/261; 330/311	Nishimoto; Yutaka
US 4239559 A	19801216	Method for fabricating a semiconductor device by controlled diffusion between adjacent layers	438/144	148/DIG.111; 148/DIG.141; 257/E21.151; 257/E21.3; 257/E21.457; 257/E21.575; 257/E21.646; 427/331; 427/333; 427/372.2; 438/554; 438/563; 438/564; 438/587; 438/635; 438/669; 438/705;	Ito; Satoru

				438/911; 438/981	
US 4226901 A	19801007	Method for metallic finish coating	427/385.5	427/388.3; 427/407.1; 427/409; 525/162	Sugiura; Shinji et al.
US 4174154 A	19791113	Laser manipulator apparatus with double pivotal mirrors	359/861	219/121.6; 219/121.79; 359/857; 606/18	Kawasaki; Harumi
US 4117790 A	19781003	Automatic sewing machine	112/309	112/470.18	Hasegawa; Yoshio et al.
US 4067099 A	19780110	Method of forming passivation film	438/301	204/192.12; 205/124; 257/E21.279; 257/E21.502; 257/E21.508; 257/E23.02; 438/466; 438/635; 438/778; 438/958	Ito; Satoru et al.
US 4000507 A	19761228	Semiconductor device having two annular electrodes	257/587	257/626; 257/630; 257/E23.019; 257/E23.132; 257/E29.017	Nishida; Sumio et al.
US 3905019 A	19750909	Pattern recognizing optical apparatus	382/210	359/20; 359/22; 359/559	Aoki; Harumi et al.
US 3869697 A	19750304	Pattern identifying systems	382/206	356/71; 359/559; 382/280; 382/296	Kawasaki; Harumi
US 3856407 A	19741224	AUTOMATIC FOCUSING DEVICE	356/123	250/201.7; 352/140; 396/116	Takeda; Hideomi et al.
US 3851308 A	19741126	PATTERN IDENTIFICATION SYSTEM UTILIZING COHERENT LIGHT	382/210	359/25; 359/29; 359/30; 359/560	Kawasaki; Harumi et al.

US 3829832 A	19740813	SYSTEM FOR RECOGNIZING PATTERNS	382/210	250/550; 359/1	Kawasaki; Harumi
US 3824546 A	19740716	PATTERN RECOGNIZING SYSTEMS	382/206	382/323	Kawasaki; Harumi et al.
US 3801929 A	19740402	GAS LASER APPARATUS HAVING LOW TEMPERATURE SENSITIVITY	372/32	372/61; 372/65; 372/88	Kawasaki; Harumi
US 3791739 A	19740212	INTERFEROMETER FOR X-Y MEASUREMENT	356/500		Kawasaki; Harumi